

Canadian Aeronautics and Space Journal

INDEX TO VOLUME 23 1977

Published by the
CANADIAN AERONAUTICS AND SPACE INSTITUTE
Saxe Building
60 — 75 Sparks Street
Ottawa, Ontario K1P 5A5

CANADIAN AERONAUTICS AND SPACE JOURNAL

Index to Volume 23

 No. 1
 January/February
 pp
 1- 76
 No. 4
 July/August
 pp
 201-266

 No. 2
 March/April
 pp
 77-144
 No. 5
 September/October
 pp
 267-336

 No. 3
 May/June
 pp
 145-200
 No. 6
 November/December pp
 337-416

Aerodynamic Design and Testing of Turbine Blades Having High Turning Angles, The: J.H. Stannard and J.H.T. Wade Aerodynamic Forces of Slender Delta Wings	106	Anik Satellites, Attitude Determination for the: R.G. Lagowski	77
According to Thin Shock Layer Theory, Unsteady and Steady: H.T. Hemdan and W.H. Hui AGARD Announcements 68, 129, 189, 254,	238 308 393	Beukers, J.M.: Radio Navigation in North	16,50
Air Carriers, Market Development Problems for Local Service: J.W. Crichton Air Cushion, Analysis of a Loop Type Flexible Skirt: P.A. Sullivan and G.J. Parravano.	212	America —The Next 25 Years	34 269
Airfoils Using a Numerical Optimization Method, The Design of Lifting Super- critical: B. Eggleston and D.J. Jones Airline Service to Small Communities, Pro-	172	World Bank	130 191
blems and Prospects in the Introduction of: D.M. Wallace	145	son . RCAF Squadron Histories and Aircraft: 1924-1968: S. Kostenuck and J. Griffin .	255395

C

306 391

Canadian Aerospace Abstracts 66, 127, 187, 252

Analysis of a Loop Type Flexible Skirt Air Cushion: P.A. Sullivan and G.J. Par-

Canadian STOL Demonstration — The Data		Н	
Collection, the Findings and Their Applications, The: H.P. Rosewarne and D.D.		Hemdan, H.T. and W.H. Hui: Unsteady and	
Spruston	217	Steady Aerodynamic Forces of Slender	
Carmichael, B.H.: Performance Improve-	88	Delta Wings According to Thin Shock	220
ment Plan for Existing Light Aircraft Casey: E.J.; Towards Long-Lived Satellites .	279	Layer Theory	238
CASI Log 73, 135, 193, 259,	311	Navigation System Status and Future Plans	97
Commercial Aviation — Future Progress, Programs, Proposals, and Problems — A	397	Hui, W.H. and H.T. Hemdan: Unsteady and Steady Aerodynamic Forces of Slender	201
Prognosis: I.S. Macdonald	338	Delta Wings According to Thin Shock Layer Theory	238
pulsé: P. Desrochers, P. Rémigius and P. Florent	296		151
Courtney, J.L.: Remote Air Services Defining Social Need	164	1	
Crashworthiness Design, The Need for Improved Aircraft: R.C. Tennyson and J.W.		Irbitis, K.: Some Opportunities in the Development of Light Aircraft	359
Bird	269	J	
lems for Local Service Air Carriers	212	Jones, D.J. and B. Eggleston: The Design of Lifting Supercritical Airfoils Using a	172
D		Numerical Optimization Method	1/2
Design of Lifting Supercritical Airfoils Using a Numerical Optimization Method, The:		L	
B. Eggleston and D.J. Jones	172	Lagowski, R.G.: Attitude Determination for the Anik Satellites	77
Design for Short-Haul — The Spey MK 555: A.M. Scott and J. Humphries	151	Light Aircraft, Performance Improvement	,,
Desrochers, P., P. Rémigius and P. Florent: Contribution à l'étude des jets pariétaux		Plan for Existing: B.H. Carmichael Light Aircraft, Some Opportunities in the	88
bidimensionnels en régimes stationnaire et		Development of	359
pulsé	296	Local Service Air Carriers, Market Develop- ment Problems for: J.W. Crichton	212
in Comparison With Other Modes of Transportation: J. Gibberd	52	M	
Dynamics of STOL, The: R.D. Hiscocks	201		
		Macdonald, I.S.: Commercial Aviation — Future Progress, Programs, Proposals and	
E		Problems — A Prognosis	338
Eggleston, B. and D.J. Jones: The Design of Lifting Supercritical Airfoils Using a		Maritime Provinces, Estimating Passenger Demand for Local Air Services in the: F.R. Wilson and A.M. Stevens	19
Numerical Optimization Method	172	Market Development Problems for Local	
Eichler, J.: Simulation-Systems Analysis Tools for A/A Missile Design	372	Service Air Carriers: J.W. Crichton	212
Estimating Passenger Demand for Local Air		Marsden, D.J.: A Foot Launched Ultra- Light Sailplane	286
Services in the Maritime Provinces: F.R. Wilson and A.M. Stevens	19	Martin, J.F.: The Standard Sailplane	1
F		N	
		Navigation in North America - The Next 25	
Florent, P., P. Desrochers and P. Rémigius: Contribution à l'étude des jets pariétaux bidimensionnels, en régimes stationnaire et		Years: J.M. Beukers	97
pulsé	296	Need for Improved Aircraft Crashworthiness Design, The: R.C. Tennyson and J.W.	
D.J. Marsden	286	Bird	269
G		Navigation System Status and Future Plans	
Gibberd, J.: Direct and Indirect Subsidies in		0	
the Air Mode in Comparison With Other Modes of Transportation	52	Omega Navigation System Status and Future	
Greenaway, K.R.: The President's Message		Plans: T.P. Nolan and N.F. Herbert	

P		Stevens, A.M. and F.R. Wilson: Estimating Passenger Demand for Local Air Services	
Parravano, G.J. and P.A. Sullivan: Analysis		in the Maritime Provinces	19
of a Loop Type Flexible Skirt Air Cushion	346	STOL Demonstration — The Data Collec-	
Performance Improvement Plan for Existing		tion, the Findings and Their Applications,	
Light Aircraft: B.H. Carmichael	88	The Canadian: H.P. Rosewarne and D.D.	
President's Message, The: K.R. Greenaway .	267	Spruston	217
Problems and Prospects in the Introduction		STOL, The Dynamics of: R.D. Hiscocks	201
of Airline Service to Small Communities: D.M. Wallace	145	Subsidies in the Air Mode in Comparison With Other Modes of Transportation: J.	
D.W. Wallace	143	Gibberd	52
R		Sullivan, P.A. and G.J. Parravano: Analysis	22
**		of a Loop Type Flexible Skirt Air Cushion	346
Radio Navigation in North America - The			
Next 25 Years: J.M. Beukers	34	T	
Rémigius, P., P. Florent and P. Desrochers:			
Contribution à l'étude des jets pariétaux		Tennyson, R.C. and J.W. Bird: The Need for	
bidimensionnels, en régimes stationnaire et	***	Improved Aircraft Crashworthiness Design	269
pulsé	296	Towards Long-Lived Satellites: E.J. Casey	279
Remote Air Services Defining Social Need:	164	Turbine Blades Having High Turning Angles,	
J.L. Courtney	164	The Aerodynamic Design and Testing of:	
Canadian STOL Demonstration — The		J.H. Stannard and J.H.T. Wade	106
Data Collection, the Findings and Their			
Applications	217	U	
S		Unsteady and Steady Aerodynamic Forces of	
		Slender Delta Wings According to Thin	
Sailplane, The Standard: J.F.		Shock Layer Theory: H.T. Hemdan and	220
Martin	1	W.H. Hui	238
Satellites, Towards Long-Lived: E.J. Casey.	279		
Scott, A.M. and J. Humphries: Design for		W	
Short-Haul — The Spey MK 555	151	Water III T and III Connect The	
Simulation-Systems Analysis Tools for A/A Missile Design: J. Eichler	372	Wade, J.H.T. and J.H. Stannard: The	
Some Opportunities in the Development of	312	Aerodynamic Design and Testing of Tur- bine Blades Having High Turning Angles.	106
Light Aircraft: K. Irbitis	359	Wallace, D.M.: Problems and	100
Spruston, D.D. and H.P. Rosewarne: The	227	Prospects in the Introduction of Airline	
Canadian STOL Demonstration - The		Service to Small Communities	145
Data Collection, the Findings and Their		Wilson, F.R. and A.M. Stevens: Estimating	
Applications	217	Passenger Demand for Local Air Services	
Standard Sailplane, The: J.F.		in the Maritime Provinces	19
Martin	1	Wings According to Thin Shock Layer	
Stannard, J.H. and J.H.T. Wade: The		Theory, Unsteady and Steady	
Aerodynamic Design and Testing of Tur-	100	Aerodynamic Forces of Slender Delta:	000
bine Blades Having High Turning Angles .	106	H.T. Hemdan and W.H. Hui	238

